Roller chain G53HZ Works standard 05B-1 Bush chain straight side plates - JWIS

Part no.: 50009405
Packaging Unit: 5,032m

Brand: JWIS
Model: Bush chain straight side plates

Technical data

ROLLER CHAIN	05B
Pitch p (mm)	8
Width between inner plates b1 min. (mm)	4,76

Roller diameter d1 max. (mm)	5
Pin diameter d2 max. (mm)	3,15
Total width inner link b2 max. (mm)	7,9
Outer link pin rivet a1 max. (mm)	11,7
Height inner plate h2 max. (mm) (JWIS: g)	7,6
Avg. tensile strength FB (kN)	8,5
Weight per meter (kg)	0,34
Bearing surface f (cm²)	0,25

Product Information

JWIS Roller chains are characterised by an above-average service life due to excellent wear resistance, high consistency, matchless precision and a considerably higher breaking strength and fatigue strength than required by ISO standard. All iwis chains are pre-stretched and are provided with a highly efficient initial lubrication.

Highlights:

- Only high-quality heat-treated and case-hardened steel is used with stringent specifications for materials analysis, tolerances and surface quality
- Each chain part is manufactured a million times daily to the same precision and is monitored using SPC (statistical process control)
- All chain parts are heat-treated, in some cases using special processes to optimize quality characteristics
- Modern production technologies ensure consistent geometry and superior surface quality
- Chains are checked for dimensional accuracy, length tolerance and flexibility, plus for the press fit joins on pins, outer plates and bush, and inner plate
- Our high quality assurance standards comply with the requirements of ISO 9001:2006
- For special applications: surface coatings, special lubricants, special materials (e.g. corrosion-resistant)

Applications

- Warehouse technology, materials-handling industry
- Conveyor technology
- Assembly and industrial handling systems
- Wood processing industry
- Mechanical engineering and systems construction
- Glass, ceramic and building material industry
- Environmental technology, Recycling

REQUEST DIRECTLY ONLINE NOW

https://www.iwis.com/en-en/products-services/roller-chain-g53hz-works-standard-05b-1-bush-chain-straight-side-plates-jwis~p4736

Useful information

CALCULATION PROGRAM

InduKet: the Chain Drive Calculation Program for Engineers.

iwis.com/chaincalc

CHAIN CALCULATION

The right drive solution for your challenge.

chaindrive@iwis.com